

## **AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A cast exhaust system for gas turbine or internal combustion engines comprising pressure-containing components comprising an air melted, substantially graphite and nitrogen-free cast alloy of the following composition:

Carbon	<del>0.01 to 0.4</del> <u>0.2 to 0.4</u> wt. %
Silicon	0.5 to 6 wt. %
Manganese	0.1 to 1.5 wt. %
Phosphorous	0.01 to 0.08 wt. %
Nickel	<del>13.5 to 38</del> <u>34 to 36</u> wt. %
Chromium	<del>0.5 to 6</del> <u>2 to 3</u> wt. %
Molybdenum	0.1 to 4 wt. %
Sulphur	max 0.12 wt. %
Nitrogen	max 0.02 wt. %
Iron	balance.

2. (Original) Alloy as in Claim 1 further comprising molybdenum in the range of 0.1 to 4 wt. %.

3. (Previously Presented) The cast exhaust system of claim 1 further comprising maximum 1 wt. % of copper.

4. (Cancelled).

5. (Previously Presented) The cast exhaust system of claim 1 further comprising:

Niobium	1 to 5 wt. %
Titanium	max 1 wt. %
Aluminum	max 1 wt. %

6. (Previously Presented) The cast exhaust system of claim 1 further comprising:
- |           |             |
|-----------|-------------|
| Niobium   | max 2 wt. % |
| Tungsten  | max 4 wt. % |
| Zirconium | max 1 wt. % |
| Vanadium  | max 1 wt. % |
7. (Previously Presented) A process for the manufacturing of the cast exhaust system of claim 5, wherein said cast alloy is strengthened by precipitation hardening of  $(\text{Ni}_3[\text{Al}, \text{Ti}])$ ,  $(\text{Ni}_3[\text{Nb}, \text{Al}, \text{Ti}])$ , or  $(\text{Ni}_3\text{Nb})$ .
8. (Previously Presented) A process for the manufacturing of the cast exhaust system of claim 1, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Mo}_2\text{C}$ .
9. (Withdrawn).
10. (Previously Presented) The cast exhaust system of claim 1, wherein said alloy is aged by precipitation hardening.
11. (Previously Presented) The cast exhaust system of claim 5, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Ni}_3[\text{Al}, \text{Ti}]$ ,  $\text{Ni}_3[\text{Nb}, \text{Al}, \text{Ti}]$ , or  $\text{Ni}_3\text{Nb}$ .
12. (Previously Presented) The cast exhaust system of claim 1, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Mo}_2\text{C}$ .
13. (Previously Presented) The cast exhaust system of claim 3, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Mo}_2\text{C}$ .
14. (Previously Presented) The cast exhaust system of claim 4, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Mo}_2\text{C}$ .
15. (Previously Presented) A process for the manufacturing of the cast exhaust system of claim 3, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Mo}_2\text{C}$ .
16. (Previously Presented) A process for the manufacturing of the cast exhaust system of claim 4, wherein said cast alloy is strengthened by precipitation hardening of  $\text{Mo}_2\text{C}$ .